

Converting Colors

XYZ(57.9002, 41.2567, 48.5586)

Have a look what the booklet for
XYZ(57.9002, 41.2567, 48.5586)
contains.

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Color

**XYZ(57.9680, 41.3713,
48.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85B5
RGB	255, 133, 181
RGB Percent	100%, 52%, 71%
CMY	0.0000, 0.4784, 0.2902
CMYK	0.00, 0.48, 0.29, 0.00
HSL	336°, 100%, 76%
HSV	336°, 48%, 100%
XYZ	57.9680, 41.3713, 48.6463
YIQ	174.9500, 57.3040, 40.7920

Conversions

Conversions Part 2

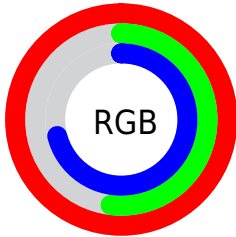
Format	Color
R _Y B	255, 133, 181
Decimal	16745909
CIE Lab	70.44, 51.45, -3.87
CIE LCh	70, 51.600, 355.700
Yxy	41.3713, 0.3917, 0.2796
Android (android.graphics.Color)	4294935989 (0xFFFF85B5)
YUV	174.9500, 2.9827, 70.2039
Hunter-Lab	64.3205, 48.3098, 0.1827

Details

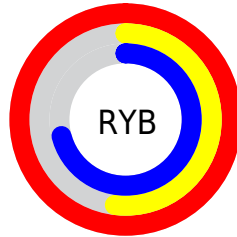
The XYZ color **57.9680, 41.3713, 48.6463** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.6973, 81.0125, 71.6844**, and the grayscale version is **40.6873, 42.8062, 46.6160**.

A 20% lighter version of the original color is **74.7237, 63.7696, 88.4912**, and **29.1979, 18.7526, 22.5028** is the 20% darker color. If you saturate the color by 10%, you get **53.3909, 34.6176, 39.7200**, and if you desaturate by 10%, it is **63.5709, 49.8941, 58.7848**.

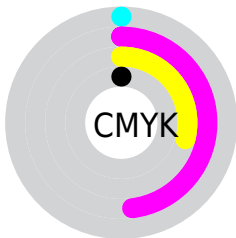
Distribution



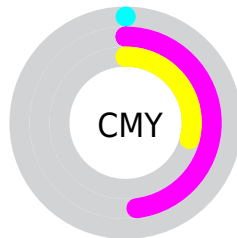
- Red (100%)
- Green (52%)
- Blue (71%)



- Red (100%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (48%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9680, 41.3713, 48.6463 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.9680, 41.3713, 48.6463 by changing the saturation by 10% instead.


 57.9680, 41.3713,
48.6463


 57.9680, 41.3713,
48.6463


407.0225,
351.8701, 397.9306


 42.0261, 28.6093,
33.9754


 100.9995, 77.2472,
89.5414

 29.3129, 18.7855,
22.5975


 128.8198,
101.1300, 116.6027

 19.4631, 11.5154,
14.0941


 161.3302,
129.4884, 148.6312

 12.1114, 6.4146,
8.0466

198.8962,
162.7069, 186.0455

 6.8923, 3.0988,
4.0366

241.8831,
201.1700, 229.2640

 3.4406, 1.1835,
1.6454

290.6562,

 1.3908, 0.0482,

245.2619, 278.7053

0.3229

345.5808,
295.3672, 334.7880

■ 0.2497, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9680, 41.3713,
48.6463

■ 57.9680, 41.3713,
48.6463

■ 53.3909, 34.6176,
39.7200

■ 63.5709, 49.8941,
58.7848

■ 49.7681, 29.4998,
31.9526

■ 70.2577, 60.2944,
70.1806

■ 47.0237, 25.8757,
25.2893

■ 78.0863, 72.6788,
82.8791

■ 45.0677, 23.5754,
19.6686

■ 87.1089, 87.1443,
96.9227

■ 43.7813, 22.3722, 95.0500, 100.0000,
15.0173 108.9000

■ 43.5558, 22.1863,
14.1248

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.4223, 41.3713, 76.8936



57.9680, 41.3713, 48.6463



55.9577, 41.3713, 27.6491

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9680, 41.3713, 48.6463



32.6540, 41.3713, 14.6703



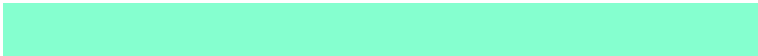
30.8152, 41.3713, 95.8111

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.9680, 41.3713, 48.6463



56.6973, 81.0125, 71.6844

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.3611, 41.3713, 68.5373



57.9680, 41.3713, 48.6463



27.3106, 41.3713, 23.4886

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9680, 41.3713, 48.6463



40.5599, 41.3713, 12.6428



25.1765, 41.3713, 41.6285



38.1099, 41.3713, 109.6701

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9680, 41.3713, 48.6463



51.8723, 41.3713, 19.1712



25.1765, 41.3713, 41.6285



28.9796, 41.3713, 87.5187

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.9691, 41.3733, 48.6471



81.4072, 77.9826, 88.1109



51.9485, 37.1480, 99.0400



17.0204, 16.0455, 18.2249



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9691, 41.3733, 48.6471



53.7378, 35.1203, 40.4247



55.6312, 43.2677, 27.6124



18.3053, 18.1054, 20.2248



22.8270, 11.6201, 7.7396



2.2745, 1.1522, 1.0267

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.9691, 41.3733, 48.6471



53.7378, 35.1203, 40.4247



59.7150, 76.1891, 106.1664



18.3053, 18.1054, 20.2248



22.8270, 11.6201, 7.7396



2.2745, 1.1522, 1.0267

Previews

White Background



This preview shows how the XYZ color 57.9680, 41.3713, 48.6463 looks on a white background.

Color Contrast Check

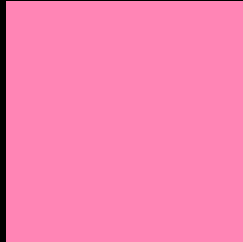
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.9680, 41.3713, 48.6463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

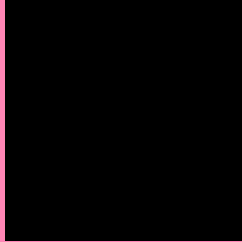
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9680, 41.3713, 48.6463

Background



This preview shows how black text looks on a background with the XYZ color 57.9680, 41.3713, 48.6463.



This preview shows how white text looks on a background with the XYZ color 57.9680, 41.3713,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.9680, 41.3713, 48.6463

Protanopia

41.3082, 41.6406, 63.6179

Deuteranopia

42.2956, 41.4239, 46.3238



Tritanopia

54.8023, 41.3306, 33.5230

Trichromacy



Original Color

57.9680, 41.3713, 48.6463



Protanomaly

45.3095, 40.1052, 57.5776



Deuteranomaly

46.8085, 40.6141, 46.9672



Tritanomaly

55.8867, 41.3472, 38.7535

Monochromacy



Original Color

57.9680, 41.3713, 48.6463



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.4085, 41.1533, 47.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9680, 41.3713, 48.6463 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 181) }
```

Border

The CSS property to change the border of an element to XYZ 57.9680, 41.3713, 48.6463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 133, 181) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 133, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 133, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9680, 41.3713, 48.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
133, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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